

ARGONNE NATIONAL LABORATORY

INTRA-LABORATORY MEMO

January 21, 2004

TO: J. Behrndt, A. Boron, J. Carwardine, R. Emerson, M. Fagan, N. Friedman, J. Hawkins, P. McNamara, V. Nguyen, J. Servino, S. Ross

SUBJECT: Generation-3 Meeting Minutes for January 21, 2004

Absent: M. Fagan, P. McNamara

- Steve Ross described that the signals on his circuit board need to match the descriptions on the Generation-3 I/O List.
- Steve Ross went over the sequence of steps for connecting the input and outputs of the test mode system.
- The group decided that once the test door box has been opened, there needs to be a ½ second delay before the Storage Ring permit is removed. This needs to be done in hardware.
 - It was suggested to use Allen-Bradley Safety Rated timers.
- There was a discussion regarding the connecting/disconnecting of the test system from Generation-3 and then enabling it.
 - It was noted that the test procedure should have all of this information in it.
- The 15u equivalent will be placed on top of the hutches.
- 18 boxes will be identical with the exception of each of their addresses.
- The Schematics have been posted on the web under a file named “Steve’s Work in Progress”.
- There was a discussion on how the test systems will function from the software perception and how it will interact.
- The I/O list is posted, it is the FINAL version.
- Kirk Locks
 - Was submitted to the committee for approval. No approval as of yet.
 - RSBS presentation – Jim Lang noted that the committee will need to see a general overview of Gen-3. And a high-level overview of Generation –3 vs. what we currently have.
 - The group discussed starting with the Murray Meeting slides.
 - The presentation could take place as early as next week.

- Roy noted that the Generation-3 files are not accessible outside of ANL. He is working with computer support to relocate these files so that members can access files outside of ANL.
- The Full Design Review of the System is coming up the first week in March.
 - John Carwardine noted that the complete design package will be ready for this review.
 - Leaving no outstanding issues.
 - Three people will be joining in on the review from outside of the lab.
 - Paul from Fermi Lab.
 - Kelly Mahoney from J-Labs. Kelly will also be bringing a PLC specialist.
- Open Issues:
 - Fagan Diodes:
 - There was a discussion on where the Fagan Diodes will be placed. It was decided that they will be placed in Chain A & B and not in Chain C.
 - End-to-End
 - It was asked that Anne/Van put in the validation procedure an end-to-end test like Version 1.
- Steve has given Marianne a purchase order for several parts to order from Carlton-Bates.
- Steve noted that he does not expect to have his full/final package ready until February 15, 2004.
- Roy would like to get together with everyone again on Friday at 1:30pm to discuss all open issues. Karen Walker should be invited to this meeting.